𝄡 𝒰#5

PCT09

RAW SEQUENCE LISTING   DATE: 01/15/2002
PATENT APPLICATION: US/09/856,819A   TIME: 12:59:26

Input Set : A:\5559.ST25.txt
Output Set: N:\CRF3\01152002\I856819A.raw

p.5

p¹

ENTERED

```
 3 <110> APPLICANT: Bojsen, Kirsten
 4         Svendsen, Allan
 5         Fuglsang, Claus C.
 6         Patkar, Shamkant Anant
 7         Borch, Kim
 8         Vind, Jesper
 9         Petri, Andreas
10         Glad, Sanne O. Schroder
11         Budolfsen, Gitte
13 <120> TITLE OF INVENTION: Lipolytic Enzyme Variants
15 <130> FILE REFERENCE: 5559.204-US
17 <140> CURRENT APPLICATION NUMBER: 09/856,819A
18 <141> CURRENT FILING DATE: 2001-10-15
20 <150> PRIOR APPLICATION NUMBER: PCT/DK99/00664
21 <151> PRIOR FILING DATE: 1999-12-29
23 <160> NUMBER OF SEQ ID NOS: 29
25 <170> SOFTWARE: PatentIn version 3.1
27 <210> SEQ ID NO: 1
28 <211> LENGTH: 24
29 <212> TYPE: DNA
30 <213> ORGANISM: Artificial Sequence
32 <220> FEATURE:
33 <223> OTHER INFORMATION: Synthetic
35 <400> SEQUENCE: 1
36 tcaagaatag ttcaaacaag aaga                              24
39 <210> SEQ ID NO: 2
40 <211> LENGTH: 24
41 <212> TYPE: DNA
42 <213> ORGANISM: Artificial Sequence
44 <220> FEATURE:
45 <223> OTHER INFORMATION: Primer
47 <400> SEQUENCE: 2
48 ggttgtctaa ctccttcctt ttcg                              24
51 <210> SEQ ID NO: 3
52 <211> LENGTH: 19
53 <212> TYPE: DNA
54 <213> ORGANISM: Artificial Sequence
56 <220> FEATURE:
57 <223> OTHER INFORMATION: Primer
59 <400> SEQUENCE: 3
60 tgtcccymgw ctccckcck                                    19
63 <210> SEQ ID NO: 4
64 <211> LENGTH: 27
65 <212> TYPE: DNA
66 <213> ORGANISM: Artificial Sequence
68 <220> FEATURE:
69 <223> OTHER INFORMATION: Primer
```

RAW SEQUENCE LISTING   DATE: 01/15/2002
PATENT APPLICATION: US/09/856,819A   TIME: 12:59:26

Input Set : A:\5559.ST25.txt
Output Set: N:\CRF3\01152002\I856819A.raw

```
71  <400> SEQUENCE: 4
72  gaagtamyry agrtgmgcag sratatc                           27
75  <210> SEQ ID NO: 5
76  <211> LENGTH: 27
77  <212> TYPE: DNA
78  <213> ORGANISM: Artificial Sequence
80  <220> FEATURE:
81  <223> OTHER INFORMATION: Primer
83  <400> SEQUENCE: 5
84  gatatysctg ckcayctryr ktacttc                           27
87  <210> SEQ ID NO: 6
88  <211> LENGTH: 23
89  <212> TYPE: DNA
90  <213> ORGANISM: Artificial Sequence
92  <220> FEATURE:
93  <223> OTHER INFORMATION: Primer
95  <400> SEQUENCE: 6
96  cggaatgtta ggctggttat tgc                               23
99  <210> SEQ ID NO: 7
100 <211> LENGTH: 20
101 <212> TYPE: DNA
102 <213> ORGANISM: Artificial Sequence
104 <220> FEATURE:
105 <223> OTHER INFORMATION: Primer
107 <400> SEQUENCE: 7
108 cttttcggtt agagcggatg                                   20
111 <210> SEQ ID NO: 8
112 <211> LENGTH: 120
113 <212> TYPE: DNA
114 <213> ORGANISM: Artificial Sequence
116 <220> FEATURE:
117 <223> OTHER INFORMATION: Primer
119 <220> FEATURE:
120 <221> NAME/KEY: misc_feature
121 <222> LOCATION: (59)..(59)
122 <223> OTHER INFORMATION: n = a,t,c, or g
125 <220> FEATURE:
126 <221> NAME/KEY: misc_feature
127 <222> LOCATION: (60)..(60)
128 <223> OTHER INFORMATION: n = a,t,c, or g
131 <220> FEATURE:
132 <221> NAME/KEY: misc_feature
133 <222> LOCATION: (62)..(62)
134 <223> OTHER INFORMATION: n = a,t,c, or g
137 <220> FEATURE:
138 <221> NAME/KEY: misc_feature
139 <222> LOCATION: (63)..(63)
140 <223> OTHER INFORMATION: n = a,t,c, or g
143 <220> FEATURE:
```

RAW SEQUENCE LISTING   DATE: 01/15/2002
PATENT APPLICATION: US/09/856,819A   . TIME: 12:59:26

Input Set : A:\5559.ST25.txt
Output Set: N:\CRF3\01152002\I856819A.raw

```
144 <221> NAME/KEY: misc_feature
145 <222> LOCATION: (65)..(65)
146 <223> OTHER INFORMATION: n = a,t,c, or g
149 <220> FEATURE:
150 <221> NAME/KEY: misc_feature
151 <222> LOCATION: (66)..(66)
152 <223> OTHER INFORMATION: n = a,t,c, or g
155 <220> FEATURE:
156 <221> NAME/KEY: misc_feature
157 <222> LOCATION: (68)..(68)
158 <223> OTHER INFORMATION: n = a,t,c, or g
161 <220> FEATURE:
162 <221> NAME/KEY: misc_feature
163 <222> LOCATION: (69)..(69)
164 <223> OTHER INFORMATION: n = a,t,c, or g
167 <220> FEATURE:
168 <221> NAME/KEY: misc_feature
169 <222> LOCATION: (74)..(74)
170 <223> OTHER INFORMATION: n = a,t,c, or g
173 <220> FEATURE:
174 <221> NAME/KEY: misc_feature
175 <222> LOCATION: (75)..(75)
176 <223> OTHER INFORMATION: n = a,t,c, or g
179 <220> FEATURE:
180 <221> NAME/KEY: misc_feature
181 <222> LOCATION: (77)..(77)
182 <223> OTHER INFORMATION: n = a,t,c, or g
185 <220> FEATURE:
186 <221> NAME/KEY: misc_feature
187 <222> LOCATION: (78)..(78)
188 <223> OTHER INFORMATION: n = a,t,c, or g
191 <220> FEATURE:
192 <221> NAME/KEY: misc_feature
193 <222> LOCATION: (80)..(80)
194 <223> OTHER INFORMATION: n = a,t,c, or g
197 <220> FEATURE:
198 <221> NAME/KEY: misc_feature
199 <222> LOCATION: (81)..(81)
200 <223> OTHER INFORMATION: n = a,t,c, or g
203 <220> FEATURE:
204 <221> NAME/KEY: misc_feature
205 <222> LOCATION: (83)..(83)
206 <223> OTHER INFORMATION: n = a,t,c, or g
209 <220> FEATURE:
210 <221> NAME/KEY: misc_feature
211 <222> LOCATION: (84)..(84)
212 <223> OTHER INFORMATION: n = a,t,c, or g
215 <400> SEQUENCE: 8
216 gtaagcgtga cataactaat tacatcatgc ggccctctag agtcgaccca gccgctamnn      60
```

RAW SEQUENCE LISTING   DATE: 01/15/2002
PATENT APPLICATION: US/09/856,819A   TIME: 12:59:26

Input Set : A:\5559.ST25.txt
Output Set: N:\CRF3\01152002\I856819A.raw

```
218 wnnwnnsnnc wawnnsnnmn nwnntdscbs gaagtaccat aggtgcgcag bgatatccgg     120
221 <210> SEQ ID NO: 9
222 <211> LENGTH: 118
223 <212> TYPE: DNA
224 <213> ORGANISM: Artificial Sequence
226 <220> FEATURE:
227 <223> OTHER INFORMATION: Primer
229 <220> FEATURE:
230 <221> NAME/KEY: misc_feature
231 <222> LOCATION: (71)..(71)
232 <223> OTHER INFORMATION: n = a,t,c, or g
235 <220> FEATURE:
236 <221> NAME/KEY: misc_feature
237 <222> LOCATION: (72)..(72)
238 <223> OTHER INFORMATION: n = a,t,c, or g
241 <220> FEATURE:
242 <221> NAME/KEY: misc_feature
243 <222> LOCATION: (74)..(74)
244 <223> OTHER INFORMATION: n = a,t,c, or g
247 <220> FEATURE:
248 <221> NAME/KEY: misc_feature
249 <222> LOCATION: (75)..(75)
250 <223> OTHER INFORMATION: n = a,t,c, or g
253 <220> FEATURE:
254 <221> NAME/KEY: misc_feature
255 <222> LOCATION: (77)..(77)
256 <223> OTHER INFORMATION: n = a,t,c, or g
259 <220> FEATURE:
260 <221> NAME/KEY: misc_feature
261 <222> LOCATION: (78)..(78)
262 <223> OTHER INFORMATION: n = a,t,c, or g
265 <220> FEATURE:
266 <221> NAME/KEY: misc_feature
267 <222> LOCATION: (79)..(79)
268 <223> OTHER INFORMATION: n = a,t,c, or g
271 <220> FEATURE:
272 <221> NAME/KEY: misc_feature
273 <222> LOCATION: (81)..(81)
274 <223> OTHER INFORMATION: n = a,t,c, or g
277 <220> FEATURE:
278 <221> NAME/KEY: misc_feature
279 <222> LOCATION: (82)..(82)
280 <223> OTHER INFORMATION: n = a,t,c, or g
283 <400> SEQUENCE: 9
284 gtaagcgtga cataactaat tacatcatgc ggccctctag agtcgaccca gccgcgccgc      60
286 gcactacwaw nnsnnmnnnw nntdscbsga agtaccatag gtgcgcagbg atatccgg       118
289 <210> SEQ ID NO: 10
290 <211> LENGTH: 120
291 <212> TYPE: DNA
```

RAW SEQUENCE LISTING   DATE: 01/15/2002
PATENT APPLICATION: US/09/856,819A   TIME: 12:59:26

Input Set : A:\5559.ST25.txt
Output Set: N:\CRF3\01152002\I856819A.raw

```
292 <213> ORGANISM: Artificial Sequence
294 <220> FEATURE:
295 <223> OTHER INFORMATION: Primer
297 <220> FEATURE:
298 <221> NAME/KEY: misc_feature
299 <222> LOCATION: (59)..(59)
300 <223> OTHER INFORMATION: n= a,t,c,g
303 <220> FEATURE:
304 <221> NAME/KEY: misc_feature
305 <222> LOCATION: (60)..(60)
306 <223> OTHER INFORMATION: n= a,t,c,g
309 <220> FEATURE:
310 <221> NAME/KEY: misc_feature
311 <222> LOCATION: (62)..(62)
312 <223> OTHER INFORMATION: n= a,t,c,g
315 <220> FEATURE:
316 <221> NAME/KEY: misc_feature
317 <222> LOCATION: (63)..(63)
318 <223> OTHER INFORMATION: n= a,t,c,g
321 <220> FEATURE:
322 <221> NAME/KEY: misc_feature
323 <222> LOCATION: (65)..(65)
324 <223> OTHER INFORMATION: n= a,t,c,g
327 <220> FEATURE:
328 <221> NAME/KEY: misc_feature
329 <222> LOCATION: (66)..(66)
330 <223> OTHER INFORMATION: n= a,t,c,g
333 <220> FEATURE:
334 <221> NAME/KEY: misc_feature
335 <222> LOCATION: (68)..(68)
336 <223> OTHER INFORMATION: n= a,t,c,g
339 <220> FEATURE:
340 <221> NAME/KEY: misc_feature
341 <222> LOCATION: (69)..(69)
342 <223> OTHER INFORMATION: n= a,t,c,g
345 <220> FEATURE:
346 <221> NAME/KEY: misc_feature
347 <222> LOCATION: (71)..(71)
348 <223> OTHER INFORMATION: n= a,t,c,g
351 <220> FEATURE:
352 <221> NAME/KEY: misc_feature
353 <222> LOCATION: (72)..(72)
354 <223> OTHER INFORMATION: n= a,t,c,g
357 <220> FEATURE:
358 <221> NAME/KEY: misc_feature
359 <222> LOCATION: (74)..(74)
360 <223> OTHER INFORMATION: n= a,t,c,g
363 <220> FEATURE:
364 <221> NAME/KEY: misc_feature
```

Use of n and/or Xaa has been detected in the Sequence Listing.
Review the Sequence Listing to insure a corresponding
explanation is presented in the <220> to <223> fields of
each sequence using n or Xaa.

VERIFICATION SUMMARY   DATE: 01/15/2002
PATENT APPLICATION: **US/09/856,819A**   TIME: 12:59:27

Input Set : **A:\5559.ST25.txt**
Output Set: **N:\CRF3\01152002\I856819A.raw**

L:18 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:216 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8
L:218 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8
L:286 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9
L:406 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10
L:408 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10